

L Number	Hits	Search Text	DB	Time stamp
1	24385	synthetic adj2 polymer	USPAT; US-PGPUB; DERWENT	2004/03/30 15:58
2	497	(synthetic adj2 polymer) and biopolymer	USPAT; US-PGPUB; DERWENT	2004/03/30 15:58
3	88	((synthetic adj2 polymer) and biopolymer) and monomeric	USPAT; US-PGPUB; DERWENT	2004/03/30 15:58
4	48	((((synthetic adj2 polymer) and biopolymer) and monomeric) and covalent	USPAT; US-PGPUB; DERWENT	2004/03/30 15:59

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=> s biopolymer (2a) covalent

=> s l1 and binding

=> s l1 and signal

L4 1 L1 AND FLUORESCENCE

AN 1998:512548 BIOSIS  
DN PREV199800512548

DN PREV199800312348  
RT Modification of

T1 Modification of materials formed from poly(L-Lactic Acid) to enable covalent binding of **biopolymers**: Application to high-density three-dimensional cell culture in foams with attached collagen.

AU Zheng, Ji; Northrup, S. Robert; Hornsby, Peter J. [Reprint author]  
CS Huffington Cent. Aging, Baylor Coll. Med., 1 Baylor Plaza M320, Houston,  
TX 77030 USA

SO In Vitro Cellular and Developmental Biology Animal, (Oct., 1998) Vol. 34,  
No. 9, pp. 679-684. print.  
ISSN: 1071-2690

ISSN: 1071-2690.

DT Article  
LA English

## LA English

ED      Entered STN: 18 Dec 1998

Last Updated on STN: 18 Dec 1998

=> s 12 1-7

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=> d 12 1-7

L2 ANSWER 1 OF 7 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:512548 BIOSIS  
DN PREV199800512548  
TI Modification of materials formed from poly(L-Lactic Acid) to enable  
**covalent binding of biopolymers**: Application  
to high-density three-dimensional cell culture in foams with attached  
collagen.  
AU Zheng, Ji; Northrup, S. Robert; Hornsby, Peter J. [Reprint author]  
CS Huffington Cent. Aging, Baylor Coll. Med., 1 Baylor Plaza M320, Houston,  
TX 77030, USA  
SO In Vitro Cellular and Developmental Biology Animal, (Oct., 1998) Vol. 34,  
No. 9, pp. 679-684. print.  
ISSN: 1071-2690.  
DT Article  
LA English  
ED Entered STN: 18 Dec 1998  
Last Updated on STN: 18 Dec 1998

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AN 1999055624 EMBASE  
TI Modification of materials formed from poly(L-lactic acid) to enable  
**covalent binding of biopolymers**: Application  
to high-density three-dimensional cell culture in foams with attached  
collagen.

AU Zheng J.; Northrup S.R.; Hornsby P.J.  
CS P.J. Hornsby, Huffington Center on Aging, Department of Cell Biology,  
Baylor College of Medicine, Houston, TX 77030, United States  
SO In Vitro Cellular and Developmental Biology - Animal, (1998) 34/9  
(679-684).  
Refs: 25

ISSN: 1071-2690 CODEN: ICDBEO

CY United States  
DT Journal; Article  
FS 002 Physiology  
021 Developmental Biology and Teratology  
037 Drug Literature Index  
LA English  
SL English

L2 ANSWER 3 OF 7 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
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AN 95091772 EMBASE  
DN 1995091772  
TI Immobilizing and imaging microtubules by atomic force microscopy.  
AU Vinckier A.; Heyvaert I.; D'Hoore A.; McKittrick T.; Van Haesendonck C.;  
Engelborghs Y.; Hellermans L.  
CS Department of Chemistry, University of Leuven, Celestijnlaan 200  
D, B-3001 Heverlee, Belgium  
SO Ultramicroscopy, (1995) 57/4 (337-343).  
ISSN: 0304-3991 CODEN: ULTRD6  
CY Netherlands  
DT Journal; Article  
FS 001 Anatomy, Anthropology, Embryology and Histology  
027 Biophysics, Bioengineering and Medical Instrumentation

LA English  
SL English

L2 ANSWER 4 OF 7 MEDLINE on STN  
AN 1999008321 MEDLINE  
DN PubMed ID: 9794219  
TI Modification of materials formed from poly(L-lactic acid) to enable covalent binding of biopolymers: application to high-density three-dimensional cell culture in foams with attached collagen.  
AU Zheng J; Northrup S R; Hornsby P J  
CS Huffington Center on Aging and Department of Cell Biology, Baylor College of Medicine, Houston, Texas 77030, USA.  
NC AG12287 (NIA)  
AG13663 (NIA)  
SO In vitro cellular & developmental biology. Animal, (1998 Oct) 34 (9) 679-84.  
Journal code: 9418515. ISSN: 1071-2690.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199901  
ED Entered STN: 19990115  
Last Updated on STN: 19990115  
Entered Medline: 19990107

L2 ANSWER 5 OF 7 LIFESCI COPYRIGHT 2004 CSA on STN  
AN 1999:17084 LIFESCI  
TI Modification of materials formed from poly(L-lactic acid) to enable covalent binding of biopolymers: Application to high-density three-dimensional cell culture in foams with attached collagen  
AU Zheng, Ji; Northrup, S.R.; Hornsby, P.J.\*  
CS Huffington Center on Aging, Baylor College of Medicine, 1 Baylor Plaza M320, Houston, TX 77030, USA  
SO In Vitro Cell. Dev. Biol. Anim., (19981000) vol. 34, no. 9, pp. 679-684.  
ISSN: 1071-2690.  
DT Journal  
FS W3  
LA English  
SL English

L2 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:710449 CAPLUS  
DN 130:100573  
TI Modification of materials formed from poly(L-lactic acid) to enable covalent binding of biopolymers: application to high-density three-dimensional cell culture in foams with attached collagen  
AU Zheng, Ji; Northrup, S. Robert; Hornsby, Peter J.  
CS Huffington Center on Aging and Department of Cell Biology, Baylor College of Medicine, Houston, TX, 77030, USA  
SO In Vitro Cellular & Developmental Biology: Animal (1998), 34(9), 679-684  
CODEN: IVCAED; ISSN: 1071-2690  
PB Society for In Vitro Biology  
DT Journal  
LA English  
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1988:556192 CAPLUS  
DN 109:156192

TI Modification of polyether urethane for endothelial cell seeding  
AU Klee, D.; Breuers, W.; Hoecker, H.; Mittermayer, C.  
CS Ger. Wool Res. Inst., Aachen, 5100, Fed. Rep. Ger.  
SO Makromolekulare Chemie, Macromolecular Symposia (1988), 19, 179-87  
CODEN: MCMSES; ISSN: 0258-0322  
DT Journal  
LA English

=> s monomeric (1a) units (2a) covalent  
L5 1 MONOMERIC (1A) UNITS (2A) COVALENT

=> d 15

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:369274 CAPLUS  
DN 137:111257  
TI About the Colloidal Nature of Asphaltenes and the MW of Covalent  
Monomeric Units  
AU Strausz, Otto P.; Peng, Ping'an; Murgich, Juan  
CS Department of Chemistry, University of Alberta, Edmonton, AB, T6G 2G2,  
Can.  
SO Energy & Fuels (2002), 16(4), 809-822  
CODEN: ENFUEM; ISSN: 0887-0624  
PB American Chemical Society  
DT Journal; General Review  
LA English  
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT